

# INTERLUBE IL-HDS-LT1

LOW TEMPERATURE SYNTHETIC GREASE

IL-HDS-LT1

## OVERVIEW

Interlube IL-HDS-LT1 is a grease formulated to provide superior performance in the toughest conditions. Interlube IL-HDS-LT1 is formulated with synthetic esters that enable the products to protect equipment at a very wide temperature range while also having limited impact on the environment. The grease provides excellent protection for equipment without using Moly to further reduce its impact on the environment and to enhance its cold weather performance. Interlube IL-HDS-LT1 has mobility at temperatures as low as -40C.

Interlube IL-HDS-LT1 is formulated featuring our proprietary eSyn™ technology.  
Available in NLGI grade 1

## TYPICAL PROPERTIES

| INTERLUBE HDS-LT   |            | ASTM Test Method |            |
|--|------------|------------------|------------|
| Product code   |            |                  |            |
| NLGI Grade   |            |                  | 1          |
| Color  |            |                  | Amber      |
| Texture  |            |                  | Smooth     |
| Viscosity @40°C, cSt                                       | ASTM D445  |                  | 100        |
| Viscosity @ 100°C, cSt                                     | ASTM D445  |                  | 15         |
| Viscosity Index (VI)                                       | ASTM D2270 |                  | 157        |
| Timken OK Load, lbs  | ASTM D2509 |                  | 80 pass    |
| 4 Ball Weld, Kg  | ASTM D2596 |                  | 250        |
| 4 Ball Average Scar, mm                                    | ASTM D2266 |                  | .61        |
| Dropping Point, °F (°C)                                    | ASTM D2265 |                  | >350 (176) |
| Rust Test, A & B   | ASTM D665  |                  | PASS       |
| Readily Biodegradable (meaning>60%)                        |            |                  | PASS       |
| Biodegradability, %  | OECD 301B  |                  | >62        |
| Minimally Toxic  |            |                  | PASS       |
| Algae (EC 50), 72 hr, mg/L                                 | OECD 201   |                  | >20,000    |
| Daphnia (EC 50), 48 hr, mg/L                               | OECD 202   |                  | >10,000    |
| Fish (LC 50), 96 hr, mg/L                                  | OECD 203   |                  | >56,000    |
| Not Bioaccumulative (Calculated value as per EPA standard) |            |                  | PASS       |

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## KEY ATTRIBUTES/APPROVAL

Any industry (hydroelectric powered dams, construction, refuse, mining, dredging, marine, agriculture, oil & gas, plant operations, etc.) utilizing equipment with a need for a grease capable of handling extreme temperatures. Suitable for equipment where a release into the environment is possible or where a leak or spill could reach a waste stream. Suitable for use in automatic lubrication systems or via manual application.

Classified as Environmentally Acceptable Lubricants (EAL's) as per the EPA's guidance document that defines standards for Environmentally Acceptable Lubricants (EPA 800-R-11-002) and as required by EPA's 2013 U.S. Vessel General Permit (VGP)

See the Safety Data Sheet (SDS) for emergency, proper handling and disposal information.